A2500-2

Paper Paperboard & Wood Pulp

MONTHLY STATISTICAL SUMMARY - Vol. 67 No. 10 OCTOBER 1989

PAPER AND PAPERBOARD PRODUCTION: EASING

Paper and paperboard production eased fractionally below the level trend evident since the beginning of 1988 during the third quarter of 1989, largely the result of maintenance and repair downtime at paperboard mills during September. Weekly data for October suggest that production may have moved back to its trend, pointing the 1989 total to a level that will match the record-high 1988 level. The third quarter 1989 rate of paper production matched its second quarter level, but the paperboard rate was off by about one-half percent. The year-to-date totals, however, show paper off by 1.0% from its year-ago level, offset by a 0.7% gain in paperboard.

Paper: Weaker demand for uncoated free sheet papers in the business forms, envelopes and commercial printing markets is the primary reason for the 2.4% year-to-date decline in shipments. The modest increases in usage in office reprographics and stationery have not been enough to offset the losses posted in the other major end-use markets. However, the seasonally adjusted trend of total uncoated free sheet paper shipments moved upward during August and September. New orders have been above the shipments level since June and unfilled orders surged upward.

The January-September 1989 coated paper shipments totals in most major market segments were below year-ago levels, largely reflecting the weaknesses evident in the first half of the year. At an annual rate of 7.1 million tons, the year-to-date total lagged its year-ago volume by over 4%. The seasonally-adjusted trend moved strongly upward during the third quarter, bringing the current level back to the highs noted during the middle months of 1988. Unfilled orders at the end of September were 19.4% above last September's level while imports were down nearly 4%, indicating that more new orders are being filled from domestic sources. Inventories in the hands of producers, which were building steadily from mid-1988 to mid-1989, receded by 10% during August and September.

For the third time this year, shipments of uncoated groundwood papers surpassed the 150,000-ton mark to register a year-to-date annual rate of almost 1.8 million tons, nearly 9% above the January-September 1988 figure. Shipments to commercial printers provided much of the boost.

Tissue paper production continued to follow the trend established earlier this year. With monthly totals in the 470,000-ton range through most of the first three quarters of 1989, the year-to-date total was 2.6% ahead of its comparable 1988 figure.

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Newsprint demand remained steady at an annual rate of about 6 million tons, marginally above last year's nine-month rate. However, demand for kraft packaging papers continued to slacken, with monthly shipments still in the low 200,000-ton range, and the year-to-date total 5.5% behind last year's rate.

Paperboard: Production of the wood-pulp based paperboard grades were above their respective year-ago levels during the first nine months of 1989. The largest gains were evident in the containerboard grades with production of containerboard for domestic use up 1.2% and boxboard for domestic use up 0.8%. The gain in containerboard shipments was consistent with the 1.3% increase in shipments of corrugating shipping containers reported for this period.

Recycled paperboard output has eased during the past few months, with the year-to-date total down 2.2%. This weakness shows up in the output trend of "All Other Paperboard" for domestic use, largely the result of an 8% decline in gypsum wallboard facing which, in turn, reflected the weakness in residentail construction. Output of the recycled packaging grades was down only fractionally, as was output of solid bleached folding boxboard. Unbleached kraft folding boxboard, which accounts for about 18% of the folding boxboard total, gained 4%.

INVENTORIES

There is strong evidence that inventories of uncoated free sheet papers in the hands of consumers were sharply reduced during the first six months of 1989 and have since leveled off. Mill inventories have been rising, but the tonnages involved are small relative to total consumption. The recent jump in the seasonally-adjusted rate of shipments, which reflected in part the end of the downswing in user inventories, and the gain in unfilled orders, suggests new strength in demand for these papers.

The vitality in demand for uncoated groundwood papers is evident in the trend of mill inventories, which have been falling steadily since the end of May. The monthly new orders totals have been above the level of shipments since May, and unfilled orders as of the end of September 1989 were 30% above their year-ago level.

Inventories of containerboard at box plants as of September 30, 1989 were equivalent to 5.0 weeks of supply, compared to 5.5 at the end of August and 5.1 at the end of May, June and July. In tonnage terms, these inventories have been remarkably steady for the past 12 months, with the monthly levels holding to within 5% of their 12 month average.

MARKET WOOD PULP

U.S. shipments of chemical paper grade market wood pulp through September are down 2% from last year. Shipments to the domestic market showed an 8% decline, but this was largely offset by a similar increase in Foreign demand for these grades. Almost 900,000 tons of chemical paper grade market pulp were exported to Japan so far this year, 30% ahead of last year's pace. Year-to-date exports to Western Europe, at 1.4 million tons, exceeded last year's volume by 10%. Shipments to the domestic market continue to run slower than they did at

PAPER AND PAPERBOARD STATISTICS

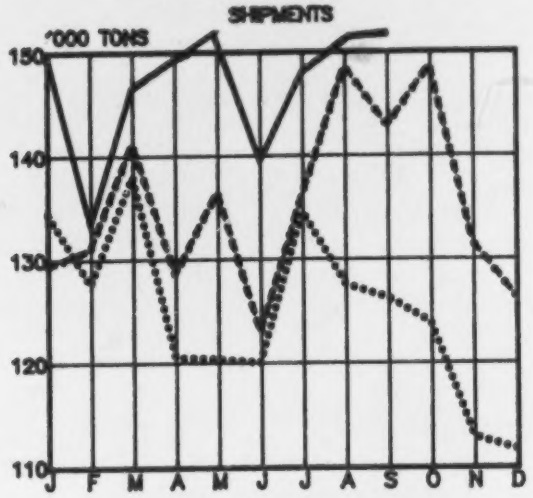
PRODUCTION, SHIPMENTS AND ORDERS
(Thousands of Short Tons)

	YEAR 1987	YEAR 1988	JUNE 1989	JULY 1989	AUGUST 1989 (R)	SEPTEMBER 1989 (P)	Annual Rate Y-T-D 1989	% Change From same Period Last Year
PAPER								
Newsprint - Production	5,842	5,982	498	522	510	517	6,019	1.0
- Shipments	5,854	5,969	498	521	517	518	5,992	1.3
Printing & Writing Sum	20,778	21,793	1,736	1,695	1,882	1,775	21,439	-2.0
Groundwood Paper - Shipments	1,498	1,624	139	148	151	152	1,761	8.5
- New Orders	1,542	1,654	149	151	166	176	1,817	12.0
-Unfilled Orders	166	208	199	191	217	233	233	29.5
Coated Papers - Shipments	6,860	7,359	580	572	651	611	7,109	-4.1
- New Orders	7,066	7,412	636	650	658	633	7,267	-2.7
- Unfilled Orders	708	751	737	825	848	882	882	19.4
Unctd Free Sheet - Shipments	10,936	11,277	886	852	952	885	11,042	-2.4
- New Orders	11,173	11,298	916	868	1,031	960	11,124	-1.9
- Unfilled Orders	772	790	609	613	714	770	770	-0.2
Thin Papers - Shipments	240	217	16	15	16	16	196	-8.0
Cotton Fiber Paper - Shipments	163	167	13	11	12	13	159	-3.7
Bleached Bristols - Production	1,052	1,150	102	98	100	98	1,173	2.3
Tissue Paper - Production	5,301	5,476	469	458	484	473	5,618	2.6
Total Packaging & Other Paper	4,955	5,047	401	392	426	408	4,882	-3.3
Unbl. Kraft Paper - Shipments RS	2,840	2,800	229	212	227	210	2,648	-5.5
Other Paper - Production RS	2,115	2,247	172	180	199	197	2,233	-0.5
TOTAL PAPER-Production-Unadj.	36,876	38,298	3,104	3,068	3,302	3,172	37,958	-1.0
-Production-S.A.			3,125	3,151	3,172	3,156	37,942	-1.0
PAPERBOARD - PRODUCTION								
Solid Wood Pulp Furnish	28,859	29,316	2,503	2,577	2,585	2,408	29,880	1.5
Total Unbl. Kraft Paperboard	18,898	19,140	1,642	1,688	1,701	1,596	19,636	1.9
Unbl. Kraft Linerboard (1)	17,683	17,897	1,529	1,568	1,572	1,495	18,301	1.6
Production for Export	2,303	2,296	161	216	184	175	2,358	0.9
Other Unbl. Kraft Paperboard	1,215	1,244	113	119	129	101	1,335	5.7
Semichemical Paperboard	5,536	5,664	468	479	488	461	5,700	1.2
Production for Export	193	136	11	10	10	8	135	0.3
Solid Bleached Paperboard	4,406	4,511	394	410	396	351	4,544	0.5
Production for Export	619	628	57	54	59	51	657	5.2
Recycled Paperboard	8,601	8,789	718	682	725	695	8,638	-2.2
Production for Export	75	72	3	2	3	1	32	-59.7
TOTAL PAPERBOARD-Prod.-Unadj.	37,442	38,105	3,222	3,259	3,311	3,103	38,519	0.7
- Containerboard Prod.(Dom. Use)	23,025	23,563	2,024	2,023	2,074	1,965	23,892	1.2
- Boxboard Prod.(Dom. Use)	6,969	7,066	613	614	623	559	7,150	0.8
- All Other P'bd Prod.(D.U.)	4,262	4,344	353	340	358	343	4,295	-2.0
- Total Paperbd Prod. for Export	3,190	3,132	232	282	255	236	3,182	0.2
TOTAL PAPERBOARD PROD.- S.A.			3,240	3,252	3,183	3,134	38,488	0.7
TOTAL PAPER AND PAPERBOARD Production - Unadj.	74,318	76,403	6,326	6,327	6,612	6,275	76,477	-0.2
Production - S.A.			6,365	6,403	6,356	6,289	76,430	-0.1

RS - Revised Series
(1)Includes all exports of kraft paperboard. R - Revised P - Preliminary S.A. - Seasonally Adjusted

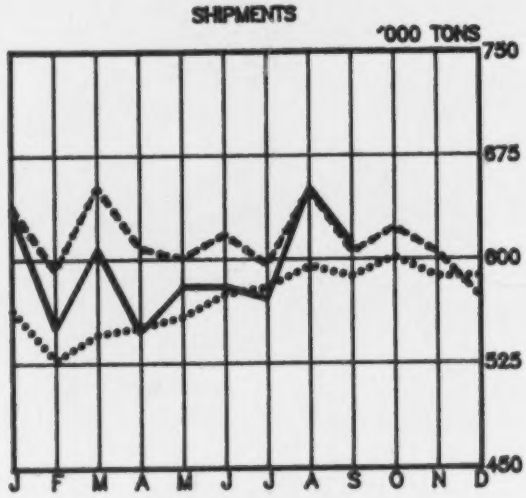
GROUNDWOOD PAPER, UNCOATED

SHIPMENTS



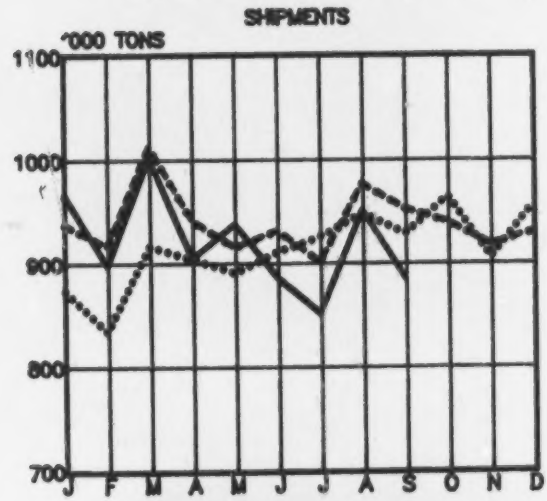
COATED PAPER

SHIPMENTS



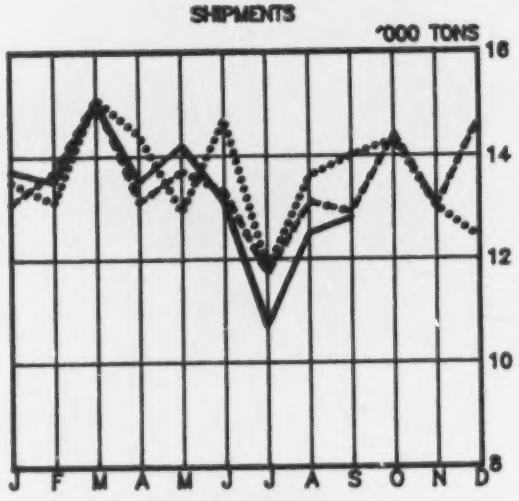
UNCOATED FREE SHEET PAPERS

SHIPMENTS



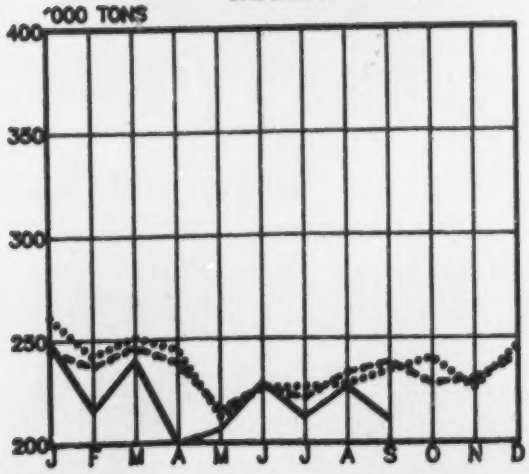
COTTON FIBER PAPER

SHIPMENTS



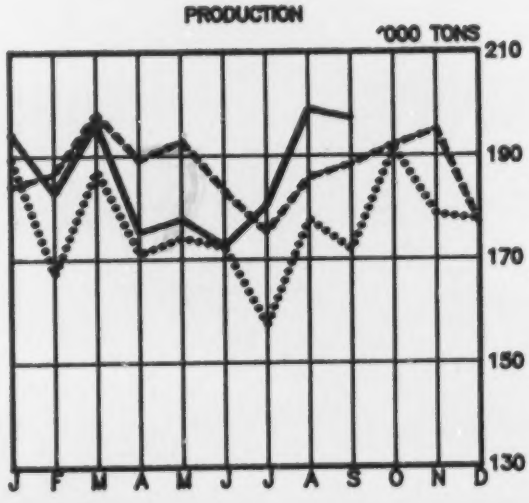
UNBLEACHED KRAFT PACKAGING AND INDUSTRIAL CONVERTING PAPER

SHIPMENTS



OTHER PAPER

PRODUCTION



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WOOD PULP STATISTICS
(Thousands of Tons)

	YEAR 1987	YEAR 1988	MAY 1989	JUNE 1989	JULY 1989	AUGUST 1989	Annual Rate Y-T-D 1989	% Change from same Period Last Year
TOTAL WOOD PULP					R	P		
Total Wood Pulp - Production	59,552	61,161	5,087	5,102	5,399	5,303	62,518	2.1
- Imports	4,850	5,038 A	420	389	358	471	5,023	-1.0
- Exports	4,889	5,528	504	562	540	534	6,375	18.2
- New Supply	59,513	60,671	5,003	4,930	5,217	5,241	61,166	0.4
Dissolving Pulp - Production	1,312	1,367	109	102	144	108	1,411	5.1
- Imports	198	248	15	32	13	28	287	20.6
- Exports	752	865	66	79	62	81	848	3.1
- New Supply	757	751	59	55	95	55	849	12.2
Paper Grades - Production	48,293	49,493	4,125	4,167	4,377	4,322	50,766	2.4
Chemical Pulp - Imports	4,456	4,419 A	381	326	328	400	4,418	-1.1
- Exports	4,111	4,612	435	474	472	441	5,443	20.3
- New Supply	48,637	49,300	4,071	4,019	4,233	4,282	49,741	0.5
Groundwood and - Production	5,702	5,943	497	480	510	511	5,954	-0.3
Thermo-Mech. - Imports	197	371 A	23	31	17	43	319	-14.6
- Exports	26	51	3	8	6	11	84	72.5
- New Supply	5,872	6,263	517	502	521	543	6,189	-1.8
Semi-Chemical - Production	4,246	4,358	356	353	368	361	4,387	1.0
- Imports								
- Exports								
- New Supply	4,246	4,358	356	353	368	361	4,387	1.0
MARKET WOOD PULP								
Total Market - Production	8,114	8,565	721	739	761	757	8,896	3.8
Wood Pulp - Imports	3,235	3,471	307	267	284	261	3,338	-4.0
- Exports	4,820	5,071	446	505	447	487	5,484	8.5
- New Supply	6,529	6,966	581	501	599	531	6,750	-3.5
Dissolving Pulp - Production	1,308	1,365	108	101	144	108	1,404	4.8
- Imports	154	206	10	27	7	23	210	0.8
- Exports	775	798	58	84	51	75	813	8.7
- New Supply	687	774	60	45	99	56	801	0.1
Paper Grades - Production	6,806	7,200	612	638	617	649	7,492	3.6
Chemical Pulp - Imports	2,975	3,126	290	237	276	236	3,072	-1.0
- Exports	4,045	4,273	388	422	395	412	4,671	8.4
- New Supply	5,736	6,052	514	453	498	472	5,893	-2.2
Groundwood Pulp - Production	0	0	0	0	0	0	0	0.0
and All Other - Imports RS	106	139	7	3	2	3	56	-66.2
- Exports	0	0	0	0	0	0	0	0.0
- New Supply	106	139	7	3	2	3	56	-66.1

SOURCES: Total Wood Pulp Production & Market Wood Pulp Production, Imports & Exports - Pulp Division, Pulp, Materials and Technology Group, API. Total Wood Pulp Imports & Exports - Department of Commerce.
NOTE: A - API shifted Import data from January 1989 to December 1988 to compensate for misallocation of reported data.

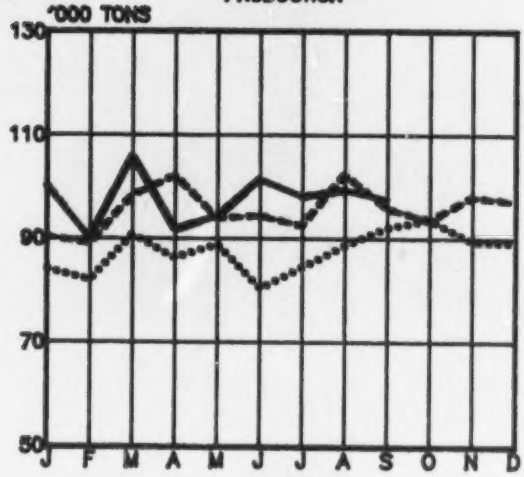
FIBROUS RAW MATERIALS
(Thousands of tons)

	YEAR 1987	YEAR 1988	MAY 1989	JUNE 1989	JULY 1989	AUGUST 1989	Annual Rate Y-T-D 1989	% Change from same Period Last Year
CONSUMPTION AT PAPER & PAPERBOARD MILLS					R	P		
Total	77,468	79,707	6,696	6,576	6,786	6,891	80,625	1.0
Total Wood Pulp	59,474	60,847	5,072	4,985	5,207	5,241	61,586	1.1
Waste Paper	17,993	18,860	1,624	1,591	1,579	1,649	19,039	0.8
INVENTORIES								
Chemical Paper Grade Market Pulp								
Producers' Own-Use Inventories	170	172	162	164	191	193	193	-3.1
Producers' Market Inventories	224	261	305	300	320	353	353	42.6
Consumers' Purchased Inventories #	529	622	628	588	573	591	591	-6.8
Waste Paper at Paper & Bd. Mills	902	1,029	1,024	1,037	1,007	1,053	1,053	19.4
Days of Supply at Pulp Mills of Chemical Paper Grade Mkt Pulp	12	14	15	15	16	17	17	30.8

SOURCES: Wood Pulp Data, Pulp Division, Pulp, Materials and Technology Group, API. Waste Paper Data, Paper Recycling Committee, API. # Includes all grades of wood pulp.
P - Preliminary; R - Revised; (0) - Indicates zero to five-hundred short tons RS - 1988 Revised Series

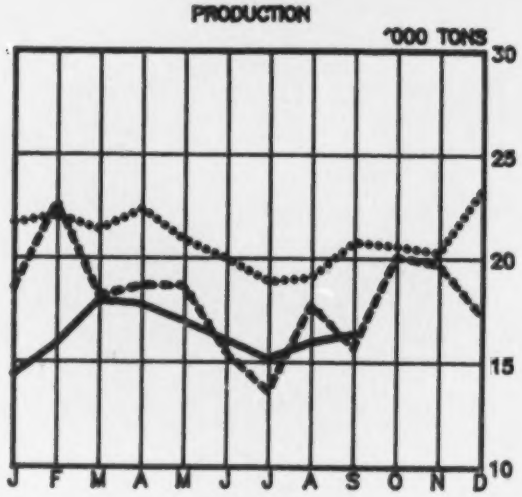
BLEACHED BRISTOLS

PRODUCTION



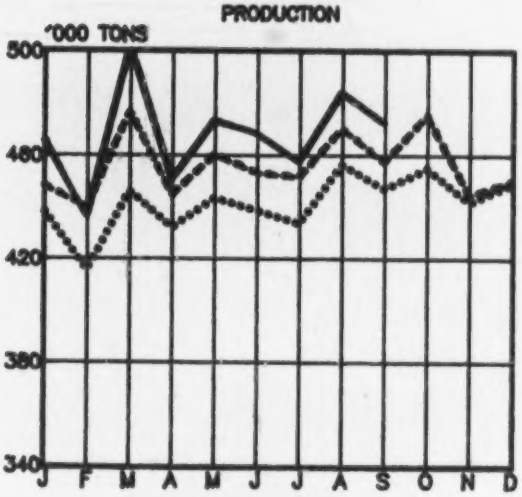
THIN PAPER

PRODUCTION



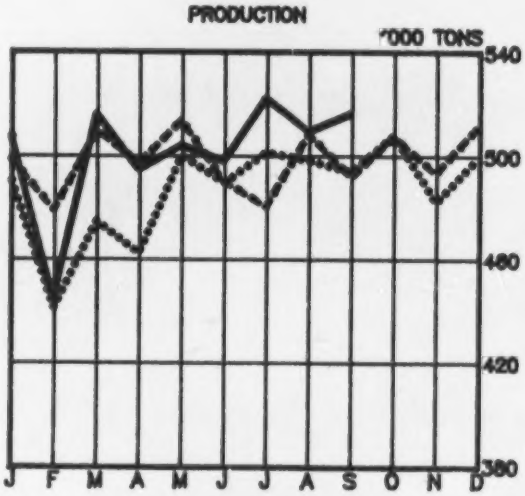
TISSUE PAPER

PRODUCTION



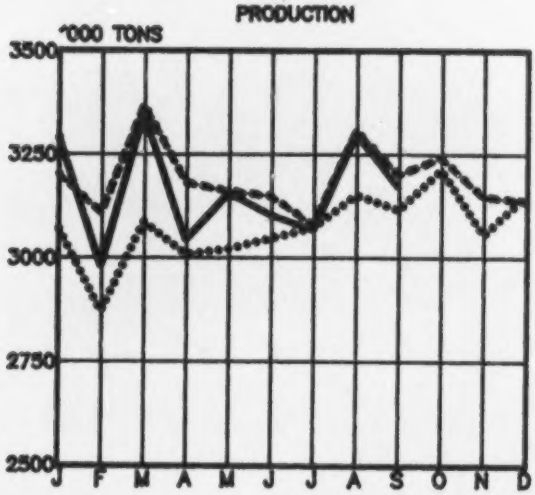
NEWSPRINT

PRODUCTION



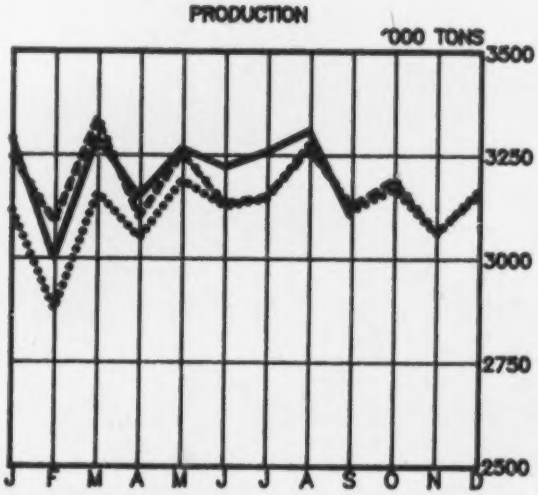
TOTAL PAPER

PRODUCTION



TOTAL PAPERBOARD

PRODUCTION



1987 ••••••• 1988 – – – – 1989 ———

F I B R O U S R A W M A T E R I A L S

(Thousands of Standard (128 cubic foot) Cords)

		YEAR 1987	YEAR 1988	MAY 1989	JUNE 1989	JULY 1989	AUGUST 1989	Annual Rate Y-T-D 1989	% Change From Same Period Last Year
PULPWOOD									
Total U.S.	- Total Receipts	94,312	95,537	8,005	8,358	8,476	8,946	98,799	4.6
	- Total Consumpt	93,946	95,497	8,112	8,348	8,548	8,498	98,865	3.7
	- Residues *	32,899	33,186	2,867	2,939	2,989	2,983	34,433	4.3
	- Inventories	5,096	4,888	4,320	4,343	4,191	4,415	4,415	2.1
So. Atlantic	- Total Receipts	31,147	31,582	2,646	2,616	2,719	2,778	31,941	3.0
	- Total Consumpt	30,915	31,567	2,646	2,697	2,814	2,684	32,409	3.5
	- Residues *	9,553	9,897	779	801	884	849	9,941	2.3
	- Inventories	1,211	1,200	943	911	811	889	889	-10.8
Northeast	- Total Receipts	6,941	7,187	502	584	590	628	7,224	3.5
	- Total Consumpt	7,109	7,216	582	549	579	598	7,178	-2.6
	- Residues *	1,543	1,664	129	126	97	146	1,637	0.9
	- Inventories	594	572	418	441	444	453	453	5.6
South Central	- Total Receipts	33,650	33,751	2,958	2,981	2,913	3,355	35,325	6.2
	- Total Consumpt	33,059	33,646	3,025	3,074	3,050	3,212	35,709	6.9
	- Residues *	9,992	9,890	944	850	823	936	10,316	4.8
	- Inventories	1,294	1,160	986	857	739	958	958	-2.9
North Central	- Total Receipts	6,552	6,865	524	598	582	640	6,968	-0.6
	- Total Consumpt	6,764	6,929	599	593	565	594	7,016	-0.7
	- Residues *	1,263	1,334	125	107	96	106	1,365	-1.3
	- Inventories	830	839	786	768	779	829	829	3.2
West	- Total Receipts	16,022	16,152	1,375	1,579	1,672	1,545	17,342	7.4
	- Total Consumpt	16,099	16,139	1,260	1,435	1,540	1,410	16,554	2.5
	- Residues *	10,548	10,401	890	1,055	1,089	946	11,175	6.9
	- Inventories	1,167	1,117	1,187	1,366	1,418	1,286	1,286	16.0

* - Consumption of Residues in Cord Equivalents. SOURCE: American Pulpwood Association 19-Oct-89

U N I T E D S T A T E S T R A D E W I T H C A N A D A

IMPORTS FROM CANADA

		YEAR Tons	1988 ($000's)	JULY 1989 Tons	JULY 1989 ($000)	AUGUST 1989 Tons	AUGUST 1989 ($000)	Annual Rate Y-T-D 1989 Tons	% Change From same Period Last Year
Pulpwood, Roundwood (in cords of 128 cubic feet)		39,337	4,195	422	24	20,495	326	116,673	186.2
Pulpwood chips		876,038	35,184	38,456	1,146	74,945	2,587	865,087	2.9
Wood Pulp, Total	A	4,340,245	2,282,329	284,946	175,147	429,515	258,141	4,378,030	0.4
Waste Fibrous Materials, Total		227,004	48,450	10,104	1,532	13,104	2,025	172,149	-28.0
Paper, Board & Products, Total	A	10,497,185	5,715,612	776,838	433,376	1,053,939	590,378	10,928,200	1.5
Paper, Paperboard,Wet Machine Bd. & Constr. Paper & Bd.	A	10,348,278	5,458,084	766,473	412,013	1,038,473	559,851	10,750,930	1.2
Paper, Paperboard & Products	A	10,283,277	5,649,813	768,714	431,330	1,040,425	586,871	10,764,249	1.9
Paper & Paperboard, Only	A	10,134,369	5,392,286	758,349	409,966	1,024,960	556,343	10,586,979	1.6
Paper, Total	A	9,869,253	5,295,796	728,828	397,696	981,793	539,224	10,163,599	0.1
Newsprint	A	8,284,709	4,320,023	586,823	302,532	767,226	394,548	8,019,996	-6.2
Printing, Writing & Rel. Pap.	A	1,304,003	807,306	121,169	79,601	181,956	120,450	1,832,368	39.4
Pack. & Ind. Conv. Paper		227,493	120,765	14,038	8,238	21,312	11,941	211,448	-10.0
Special Industrial Paper		4,767	9,106	2,956	3,717	6,190	7,599	43,831	866.1
Tissue Paper		48,281	38,596	3,843	3,608	5,109	4,686	55,955	11.8
Paperboard, Total		265,116	96,490	29,521	12,270	43,167	17,119	423,380	58.0
Convtd Paper&Paperbd Products		148,908	257,528	10,365	21,364	15,466	30,528	177,270	22.8
Wet Machine Board		2,939	2,120	22	16	8	6	302	-90.0
Construction Paper & Board		210,970	63,679	8,102	2,031	13,505	3,501	163,649	-19.9

NOTE: A - API shifted Import data from January 1989 to December 1988 to compensate for misallocation of reported data.

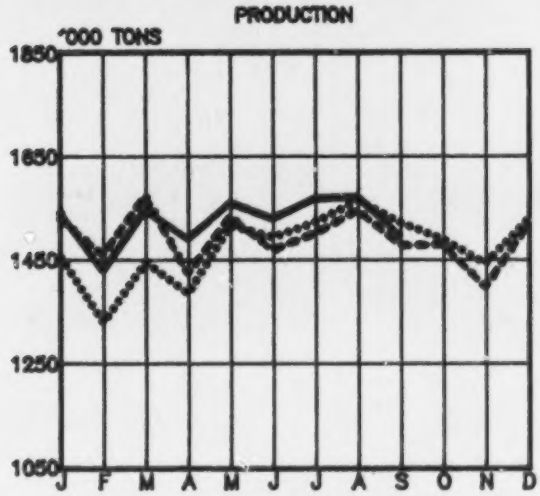
EXPORTS TO CANADA

Pulpwood, Roundwood (in cords of 128 cubic feet)		14,180	836	6,386	79	11,409	218	55,632	200.5
Pulpwood chips		33,040	1,739	3,887	177	7,060	332	33,501	-22.4
Wood Pulp, Total		280,074	101,214	13,303	6,207	47,201	18,049	341,152	27.8
Cotton Pulp & Other Pulp		84,891	24,062	291	199	399	242	6,237	-92.3
Waste Paper		331,999	38,199	20,883	3,180	27,704	3,987	310,056	-7.5
Paper, Board & Products, Total		1,050,117	715,960	78,707	58,444	107,092	71,307	1,037,590	-5.9
Paper, Paperboard,Wet Machine Bd. & Constr. Paper & Bd.		773,973	464,416	58,026	38,589	73,997	47,046	723,579	-11.6
Paper, Paperboard & Products		1,013,157	699,127	77,628	58,029	104,940	70,575	1,017,602	-4.8
Paper & Paperboard, Only		737,013	447,583	56,946	38,173	71,846	46,315	703,590	-10.3
Paper, Total		340,156	293,175	27,460	26,587	36,227	31,615	357,789	2.0
Newsprint		5,806	5,304	659	537	1,616	1,192	8,967	118.6
Printing, Writing & Rel. Pap.		166,667	160,007	17,460	17,865	20,923	20,647	220,644	26.9
Pack. & Ind. Conv. Paper		41,718	29,572	4,734	2,390	6,690	2,525	55,396	41.2
Special Industrial Paper		118,806	90,276	3,991	4,834	6,104	6,292	65,737	-48.3
Tissue Paper		7,160	8,016	616	961	895	959	7,046	8.8
Paperboard, Total		396,857	154,408	29,486	11,587	35,619	14,700	345,802	-20.3
Convtd Paper&Paperbd Products		276,145	251,544	20,681	19,855	33,095	24,261	314,011	10.6
Wet Machine Board		6,527	2,590	306	122	21	8	2,184	-69.5
Construction Paper & Board		30,433	14,243	774	294	2,131	724	17,805	-34.3

SOURCE: Bureau of Census, Department of Commerce . E - Estimate of tonnage based on square foot data 19-Oct-89

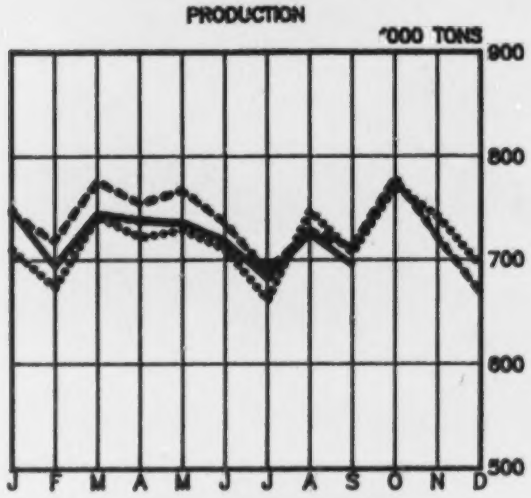
UNBLEACHED KRAFT LINERBOARD

PRODUCTION



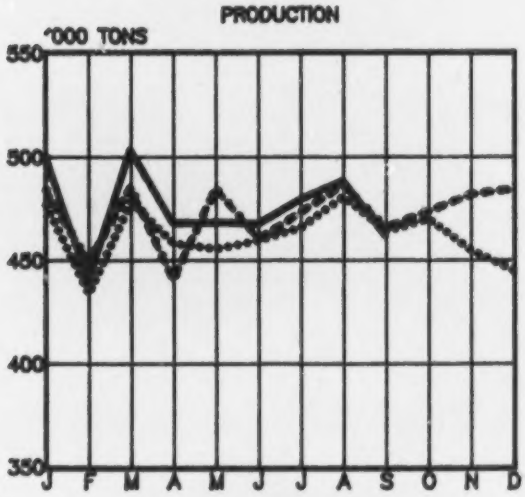
RECYCLED PAPERBOARD

PRODUCTION



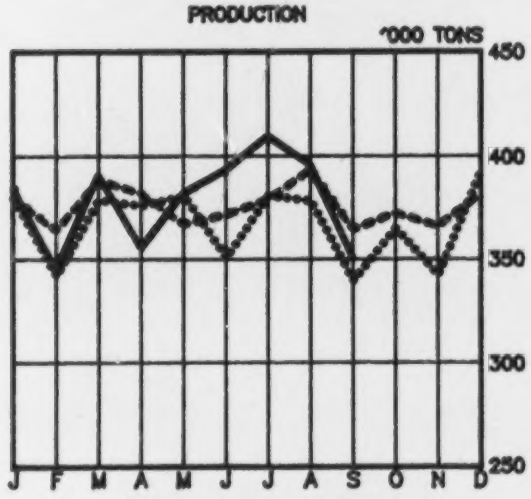
SEMICHEMICAL PAPERBOARD

PRODUCTION



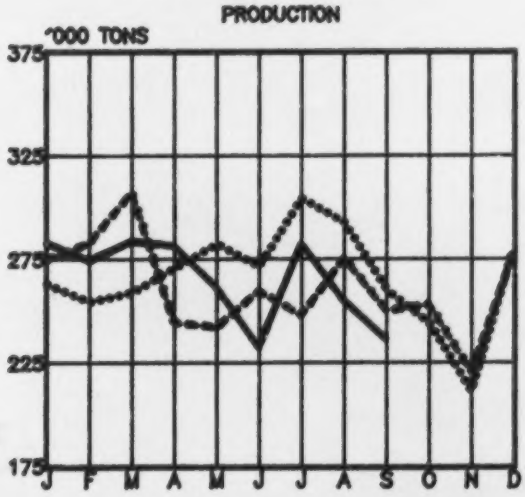
SOLID BLEACHED PAPERBOARD

PRODUCTION



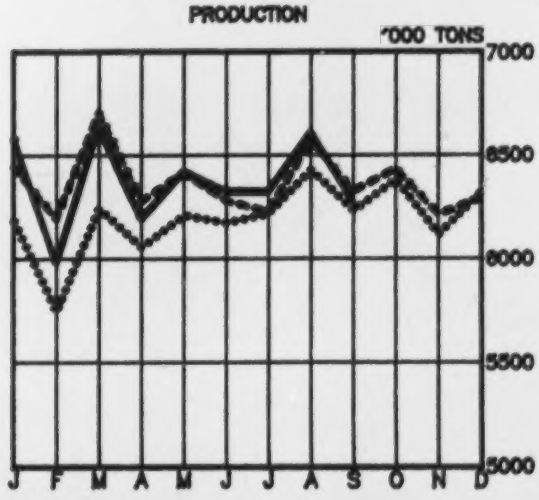
PAPERBOARD FOR EXPORT

PRODUCTION



TOTAL PAPER AND PAPERBOARD

PRODUCTION



1987 ••••••• 1988 -•-•-•-1989 ———

I M P O R T S

	YEAR 1988 Tons	YEAR 1988 $000	1989 JULY Tons	1989 JULY $000	1989 AUGUST Tons	1989 AUGUST $000	(1) Annual Rate YTD 1989 Tons	% Change from same Period Last Year
Pulpwood Roundwood (cords)	39,515	4,200	422	24	20,495	326	116,673.	186.2
Pulpwood Chips	888,636	35,553	38,930	1,162	75,004	2,593	884,521	3.4
Total All Imports A	18,402,259	10,725,164	1,300,007	829,624	1,711,680	1,070,874	18,292,974	-1.0
Wood Pulp Total A	5,038,158	2,663,424	357,635	220,700	471,208	285,005	5,023,474	-1.0
Waste Paper	161,367	27,361	13,850	1,675	12,367	1,900	185,527	11.4
Other Fibrous Materials	92,505	32,331	1,025	893	906	283	14,078	-85.2
Paper Board & Products Total A	13,110,229	8,002,047	927,496	606,356	1,227,199	783,686	13,069,895	-0.6
Paper Paperboard Wet Machine Bd. & Construction Paper & Board A	12,679,974	6,989,006	891,001	522,202	1,178,769	680,489	12,518,043	-1.7
Papor Ppbd & Prds ex Cnst&WMB A	12,787,784	7,893,637	915,686	603,062	1,210,479	779,038	12,863,838	0.2
Paper & Paperboard Only A	12,357,530	6,880,596	879,190	518,908	1,162,048	675,841	12,311,986	-0.9
Paper Total A	12,016,519	6,749,882	837,629	494,505	1,105,960	647,117	11,759,883	-2.6
Newsprint A	8,801,503	4,569,853	592,123	305,033	787,106	403,251	8,211,806	-7.2
Printing & Writing A	2,812,259	1,899,745	210,116	151,122	268,710	191,449	3,043,457	8.0
Uncoated Groundwood	1,362,642	792,881	114,832	70,725	126,982	78,348	1,578,200	11.5
Coated Print.& Impreg. Pap. A	797,765	641,466	52,578	43,553	76,211	59,826	756,268	-3.8
Uncoated Free Sheet A	591,830	414,326	35,775	28,923	57,627	43,981	584,148	5.1
Uncoated Book A	258,146	175,746	N.L.R.	N.L.R.	N.L.R.	N.L.R.	N.L.R.	N.L.R.
Writing and Similar Paper A	333,683	238,580	35,775	28,923	57,627	43,981	584,148	85.7
Thin (except Cigarette)	55,774	48,804	3,635	4,273	3,975	4,320	67,041	16.7
Bristols	4,247	2,269	3,296	3,648	3,915	4,973	57,800	1586.6
Total Pkg & Other Paper	343,196	231,796	25,646	28,915	39,171	42,220	387,072	12.7
Unbleached Kraft Paper	161,708	76,116	15,038	7,352	22,691	11,430	230,470	36.3
Other Pkg. & Indust. Paper	181,488	155,680	10,608	21,563	16,480	30,790	156,602	-10.2
Tissue	59,561	48,488	9,744	9,436	10,973	10,197	117,548	78.2
Paperboard, Total	341,011	130,714	41,561	24,403	56,088	28,724	552,104	61.2
Test or Containerboard	85,682	36,145	8,227	3,167	11,189	4,303	87,290	11.1
Semi-Chemical Corrugating	142,490	43,596	9,967	3,026	9,530	2,867	128,690	-14.2
Other Paperboard	112,839	50,972	23,367	18,210	35,369	21,554	336,123	194.9
Convtd Paper&Paperbd Products	430,255	1,013,041	36,496	84,154	48,431	103,197	551,852	32.3
Paper Products, Total	393,089	944,974	28,612	69,272	40,468	86,115	454,807	19.7
Paperboard Products, Total	37,166	68,067	7,884	14,882	7,962	17,082	97,045	160.7
Wet machine Board	4,239	3,780	44	31	45	44	577	-86.5
Construction Paper & Board	318,206	104,630	11,766	3,263	16,676	4,605	205,480	-32.3
Notes								
Other: No Weight Avail. ($000)		177,686		15,052		13,411	134,829	-24.4
Total Imports Incl. Other($000)		10,902,850		844,676		1,084,285	11,474,281	6.4

NOTE: A - API shifted Import data from January 1989 to December 1988 to compensate for misallocation of reported data.

E X P O R T S

Pulpwood, Roundwood (cords)	15,470	894	13,010	241	19,801	322	(1) 145,047	630.1
Pulpwood Chips	3,503,100	286,191	389,661	35,617	377,430	33,665	4,448,809	39.4
Total All Exports	17,061,209	7,467,363	1,569,009	732,071	1,634,569	750,374	19,010,683	13.3
Wood Pulp,Total	5,528,292	2,914,521	539,878	323,685	533,551	309,827	6,375,489	18.1
Cotton Pulp and Other Pulp	201,567	111,923	7,767	6,641	9,027	7,510	118,682	-41.3
Waste and Old Paper	5,640,118	688,258	532,988	62,917	529,215	63,945	6,183,791	12.5
Paper, Board & Products,Total	5,691,231	3,752,661	488,376	338,828	562,777	369,093	6,332,721	11.5
Paper,Paperboard,Wet Machine Bd. & Construction Paper & Board	4,876,563	2,701,405	411,803	235,690	472,945	255,061	5,284,650	8.8
Paper, Ppbd & Prod ex Cnst&WMB	5,559,356	3,683,601	485,796	337,750	559,642	367,892	6,296,633	13.6
Paper & Paperboard, Only	4,744,688	2,632,346	409,223	234,613	469,810	253,860	5,248,562	11.2
Paper, Total	1,102,490	988,031	127,581	102,846	131,676	101,667	1,495,051	43.0
Newsprint	427,296	295,474	61,492	32,449	61,523	31,440	650,836	79.3
Printing & Writing	287,208	313,047	38,680	39,382	40,514	39,183	476,502	66.4
Uncoated Groundwood	70,286	58,639	6,449	5,277	7,862	5,882	92,500	42.3
Clay Coated Paper	97,464	79,731	12,879	9,307	13,761	10,642	163,190	58.0
Uncoated Free Sheet	82,660	124,049	8,301	11,812	8,970	11,645	92,762	11.5
Other Printing & Writing	36,799	50,629	11,051	12,986	9,922	11,013	128,050	267.2
Total Pkg. & Other Paper	346,718	342,117	25,874	28,515	28,110	29,124	345,538	-0.5
Unbleached Kraft	110,075	54,975	9,667	4,238	11,354	4,856	119,330	18.6
Other Pkg. & Indust. Paper	236,643	287,142	16,207	24,277	16,756	24,268	226,208	-8.3
Tissue	41,268	37,393	1,535	2,501	1,530	1,920	22,175	-54.5
Paperboard, Total	3,642,198	1,644,314	281,641	131,766	338,133	152,194	3,753,511	2.1
Solid Wood Pulp	3,359,078	1,511,057	266,658	124,749	324,227	145,363	3,569,009	5.6
Total Linerboard	2,281,362	887,846	186,236	70,865	237,400	85,943	2,524,390	10.6
Bleached Kraft Linerboard	140,801	73,728	22,100	9,900	36,644	15,426	278,948	111.1
Unbleached Kraft Linerbd	2,140,562	814,119	164,136	60,965	200,755	70,517	2,245,442	4.6
Other Unbleached Kraft	292,437	102,638	21,539	8,930	17,116	8,053	240,572	-27.3
Other Bleached Kraft	742,918	502,513	57,809	44,367	66,745	49,713	776,152	7.2
Semi-Chemical Corrugating	42,360	18,060	1,075	587	2,966	1,654	27,896	-41.9
Recycled Paperboard	283,121	133,257	14,984	7,017	13,907	6,831	184,502	-37.5
Convtd Paper&Paperbd Products	814,668	1,051,256	76,573	103,138	89,832	114,031	1,048,072	27.8
Paper Products, Total	367,548	682,281	35,618	68,677	41,341	73,574	476,727	32.4
Paperboard Products, Total	447,121	368,975	40,955	34,460	48,491	40,457	571,344	24.2
Wet Machine Board	11,691	4,915	447	190	53	48	3,300	-72.9
Construction Paper & Board E	120,184	64,145	2,133	887	3,082	1,153	32,789	-73.4
Notes								
Other: No Weight Avail. ($000)		9,170		2,394		2,026	23,017	152.4
Total Exports Incl. Other($000)		7,476,533		734,465		752,400	8,761,770	19.8

SOURCE: Bureau of Census, U.S. Department of Commerce. E - Incl. estim. of tonnage based on square foot data.
(1) Annual Rate Year-To-Date is in tons unless otherwise specified in item description. N.L.R. - No longer reported.

PRODUCER PRICE INDEXES
1982 = 100

	1987	1988	JUNE 1989	JULY 1989	AUGUST 1989	SEPTEMBER 1989	Annual Rate Y-T-D 1989	% Change from same Period Last Year
Pulp, Paper and Products except Building Grades	114.3	124.8	133.1	132.8	132.9	132.9	132.2	6.9
Pulp Paper & Products, ex. Building Grades & ex Waste Paper *	113.2	123.8	132.7	132.4	132.5	132.4	131.7	7.5
Total Wood Pulp	111.5	136.7	158.3	159.4	159.5	159.5	156.4	16.7
Total Paper	111.5	123.2	131.0	130.3	129.6	129.1	130.1	6.8
Total Paper, exc. Newsprint	110.6	123.4	132.3	131.2	130.1	129.9	131.1	7.9
Newsprint	112.3	127.6	123.4	123.6	122.6	120.1	124.3	-2.7
Total Paperboard	118.1	133.2	141.3	140.2	140.3	140.3	140.4	6.3
Total Paper and Paperboard *	113.6	126.4	134.2	133.4	133.0	132.6	133.4	6.7
Converted Products	114.7	123.0	131.9	132.0	132.2	132.4	130.9	7.5
Waste Paper	181.4	183.6	157.7	155.3	157.3	160.1	158.1	-16.1
All Commodities	102.8	106.9	112.8	112.7	112.0	112.3	112.0	5.3
Industrial Commodities	102.6	106.3	112.3	112.2	111.4	111.9	111.4	5.2

SOURCE: Producer Price Indexes: Bureau of Labor Statistics, U.S. Department of Labor * Computed by API

1987 CENSUS OF MANUFACTURERS DATA

		ALL EMPLOYEES Number (000)	ALL EMPLOYEES Payroll ($Million)	PRODUCTION WORKERS Number (000)	PRODUCTION WORKERS Hours (Million)	PRODUCTION WORKERS Wages	Value Added By Manufacturer	Cost of Material	Value Of Industry Shipment	Capital Expenditures	End-of-Year Inventories
						(Million Dollars)					
26	PAPER AND ALLIED PRODUCTS	611.3	16,827.4	466.5	975.4	11,768.7	49,752.5	58,787.5	108,271.7	5,904.4	11,076.0
2611	Pulp Mills	14.2	536.3	11.1	24.0	397.4	2,246.0	1,954.9	4,213.9	358.4	408.0
2621	Paper Mills, exc. Bldg. Paper	129.2	4,586.6	99.2	210.8	3,394.0	13,686.6	15,161.4	28,885.3	2,762.0	2,740.9
2631	Paperboard Mills	53.6	1,895.9	41.1	90.7	1,406.0	7,001.7	6,980.2	13,957.3	794.9	860.2
265	Paperboard Containers & Boxes	194.3	4,631.1	148.4	305.6	3,069.0	9,867.2	16,143.7	25,903.4	827.0	2,988.4
2652	Setup Paperboard Boxes	8.6	130.1	7.2	13.8	87.7	234.5	201.2	433.5	10.3	50.4
2653	Corrugated & Solid Fiber Boxes	105.9	2,608.2	77.4	160.6	1,637.7	5,471.0	10,666.1	16,073.0	468.2	1,535.3
2655	Fiber Cans, Drum, Similar Prod.	12.4	278.4	10.1	20.6	203.1	623.2	894.0	1,517.3	70.9	161.5
2656	Sanitary Food Containers	16.9	361.8	13.9	27.2	272.7	959.1	1,248.2	2,192.7	97.3	340.9
2657	Folding Paperboard Boxes	50.5	1,252.6	39.8	83.4	867.8	2,579.4	3,134.2	5,686.9	180.3	900.3
267	Misc. Converted Paper/Plastic Prods.	220.0	5,177.5	166.7	344.3	3,502.3	16,951.0	18,547.3	35,311.8	1,162.1	4,078.5
2671	Paper Coated & Laminated, Packaging	15.2	412.2	10.6	22.6	258.9	1,006.4	1,450.5	2,433.1	129.3	356.8
2672	Paper Coated & Laminated, N.E.C.	26.9	722.4	18.5	39.3	433.6	2,310.7	2,603.9	4,900.8	166.4	596.7
2673	Bags: Plastics, Laminated, & Coated	37.1	796.3	29.4	61.0	549.7	2,240.7	2,453.7	4,685.1	199.5	600.5
2674	Bags: Uncoated paper & Multiwall	17.1	346.4	14.3	29.0	263.9	869.0	1,585.1	2,438.8	45.7	325.2
2675	Die Cut Paper & Board	15.5	304.0	12.3	24.7	201.7	664.6	1,081.7	1,739.2	29.4	215.2
2676	Sanitary Paper Products	38.1	1,143.8	29.5	61.8	851.5	6,267.9	5,436.8	11,593.0	429.0	807.4
2677	Envelopes	27.9	615.5	21.2	44.0	408.9	1,203.1	1,416.2	2,620.5	61.8	306.2
2678	Stationery Products	11.5	211.4	8.6	16.6	138.4	530.3	694.6	1,229.2	25.4	257.7
2679	Converted Paper Products	30.7	625.5	22.3	45.3	395.7	1,858.3	1,824.8	3,672.1	75.6	612.8

Source: Census of Manufactures, 1987, U.S. Bureau of the Census

this time last year, consistent with the observed decline in printing and writing paper shipments.

Production of chemical paper grade market wood pulp was slightly above shipments in September and producers' month-end inventories returned to the higher levels observed in January and February of 18 days of supply. Consumers of chemical paper grade marked pulp raised their mill inventories to 40 days of supply at the end of August, staying in the range evident since the beginning of the year.

SALES AND EARNINGS

The table below presents total sales and earnings data for 27 paper and allied products companies and four forest products companies with paper industry capacity as reported in the press for the first three quarters of 1988 and 1989, together with ratios showing the change from year-ago periods and net profits to sales. Although third quarter 1989 after-tax profits declined from its year-ago level, the trend has been essentially flat at a historically high level throughout 1989, as have the ratios of net profits after taxes to sales.

Paper and Allied Products Companies

Sales and Earnings

	Sales			Net Profit After Taxes			Net Profits/Sales	
	1989	1988	89/88	1989	1988	89/88	1989	1988
	(Thousand Dollars)		%	(Thousand Dollars)		%	%	%
	27 Paper and Allied Products Companies							
First Quarter	17,586,721	15,808,482	11.2	1,421,703	1,193,498	19.1	8.08	7.55
Second Quarter	18,654,792	16,346,683	14.1	1,419,807	1,342,113	5.8	7.61	8.21
Third Quarter	18,373,188	16,773,686	9.5	1,445,133	1,570,131	-8.0	7.87	9.36
Year-to-date	54,614,701	48,928,851	11.6	4,286,643	4,105,742	4.4	7.85	8.39
	4 Forest Product Companies							
First Quarter	5,382,803	4,781,531	12.6	351,437	256,957	36.8	6.53	5.37
Second Quarter	5,971,615	5,463,237	9.3	386,418	314,540	22.9	6.47	5.76
Third Quarter	5,892,583	4,967,155	18.6	409,560	304,091	34.7	6.95	6.12
Year-to-date	17,247,001	15,211,923	13.4	1,147,415	875,588	31.0	6.65	5.76

PAPER INDUSTRY DATA FROM THE 1987 CENSUS OF MANUFACTURERS

The U.S. Department of Commerce recently released preliminary data from its 1987 Census of Manufacturers. The new Census report incorporates several revisions in the classification of various segments of the Paper and Allied Products Industry Group. The most significant of these revisions was the elimination of the building paper and board category, which was previously classified as SIC 2661. Insulation board was shifted to the Lumber and Wood Products Industry Group (SIC 24), while construction paper is now classified under paper mills (SIC 2621).

There have also been some important changes in the way converted products are categorized. In particular, the 1987 Census of Manufacturers divides bags into two categories: plastic bags are now classified under SIC 2673 and paper bags under SIC 2674. As a result of these changes, the old SIC Code 264 (Miscellaneous Converted Paper Products) has been changed to SIC 267 (Converted Paper and Paperboard Products, except containers and boxes). These changes, which have been made in consultation with the government and industry officials involved in the paper industry including API representatives, reflect the current structure of the paper and allied products industry.

The table on page 10 summarizes some of the key paper and allied products statistics contained in the 1987 Census of Manufacturers. Specific data shown for each industry include employment, payroll, shipments, costs of materials, capital expenditures, and end-of-year inventories. Note that these data have been compiled on a mill basis. In those cases where a mill makes more than a single product, all data for the mill have been classified under the SIC code that accords with the mill's principal product. However, most mills in the paper and allied products industry tend to specialize in closely-related products that are typically covered by the same four-digit SIC code.

The table on page 10 indicates that the paper and allied products industry employed 611,300 people in 1987. However, only about one-third of those were employed in the primary sector of the industry (i.e., pulp, paper, and paperboard mills), with the remainder employed in the converting sector. The primary sector of the industry accounted for 44% of the value of shipments and 66% new capital expenditures by the Paper and Allied Products Industry in 1987. The higher share of capital spending accounted for by pulp, paper, and paperboard mills confirms the well known fact that the primary sector of the industry is highly capital intensive. It is also interesting to note that value added by the paper and allied products industry (basically industry shipments minus the cost of purchased materials) amounted to 1.1% of gross national product in 1987; the GNP is the total of the value added by each industry in the nation.

Other detailed data included in the actual Census Bureau report include industry shipments by five digit SIC code, materials consumed by kind, and mill population counts. According to this report, the number of operational pulp, paper and paperboard mills in the U.S. declined from 564 in 1982 to 518 in 1987.

INDUSTRY FACT SHEET

AMERICAN PAPER INSTITUTE, INC.
260 Madison Avenue
New York, New York 10016

October 30, 1989

PRODUCTION (000 TONS)

	(P) SEPTEMBER 1989	AUGUST 1989	SEPTEMBER 1988	FIRST 9 MONTHS 1989	1988	% CHANGE YR TO DATE 1989/1988
PAPER GRADES						
Newsprint	517	510	492	4,514	4,470	1.0
Printing & Writing	1,775	1,882	1,826	16,079	16,407	-2.0
Uncoated Groundwood (s)	152	151	143	1,321	1,217	8.5
Coated Paper (s)	611	651	605	5,332	5,559	-4.1
Uncoated Free Sheet Paper (s)	885	952	953	8,282	8,488	-2.4
Thin Paper (s)	16	16	16	147	160	-8.0
Cotton Fiber Paper (s)	13	12	13	119	124	-3.7
Bleached Bristols (s)	98	100	96	880	860	2.3
Tissue Paper	473	484	458	4,214	4,105	2.6
Total Pkg & Other Paper	408	426	427	3,661	3,785	-3.3
Unbl. Kraft Paper (s)	210	227	238	1,986	2,102	-5.5
Other Paper	197	199	188	1,675	1,683	-0.5
TOTAL PAPER	3,172	3,302	3,202	28,468	28,767	-1.0
PAPERBOARD GRADES						
Unbleached Kraft Paperboard	1,596	1,701	1,584	14,727	14,454	1.9
Unbleached Kraft Linerboard	1,495	1,572	1,477	13,726	13,507	1.6
Other Unbl. Kraft Paperboard	101	129	107	1,001	948	5.7
Semichemical Paperboard	461	488	466	4,275	4,225	1.2
Bleached Paperboard	351	396	364	3,408	3,391	0.5
Recycled Paperboard	695	725	712	6,479	6,622	-2.2
TOTAL PAPERBOARD	3,103	3,311	3,126	28,889	28,692	0.7
TOTAL PAPER AND PAPERBOARD	6,275	6,612	6,328	57,357	57,459	-0.2

WOOD PULP (ALL GRADES)	AUGUST 1989	JULY 1989	AUGUST 1988	FIRST 8 MONTHS 1989	1988	% Change 89/88
Dissolving & Special Alpha	108	144	119	941	895	5.1
Bleached Sulfite)	136	131	132	1,046	1,030	1.6
Unbleached Sulfite)						
Bleached & Semi-Bl. Sulfate	2,359	2,352	2,299	18,269	17,535	4.2
Unbleached Sulfate	1,827	1,894	1,840	14,529	14,474	0.4
Semichemical	361	368	371	2,924	2,894	1.0
Groundwood & Thermomechanical	511	510	504	3,969	3,983	-0.3
TOTAL PULP DIVISION DATA	5,303	5,399	5,265	41,679	40,810	2.1

(s) - Shipments
P - Preliminary

October 31, 1989

	Full Year		INDUSTRY DATA 1988 - 1989			Ann. Rate Year - To - Date	% From Same Pd. Last Year
				R	P		
PAPER AND PAPERBOARD -- Tons (000)	1987	1988	July	August	September	1989	
Total Production (API).....: excluding :...	74,317	76,403	6,327	6,612	6,275	76,477	-0.2
Total Seasonally Adjusted....:construction:...			6,403	6,355	6,289	76,430	-0.1
Imports (including Products).: and wet :..E	12,528	12,788	916	1,210	1,075	12,868	-0.2
Exports (including Products).: machine :..E	5,197	5,559	486	560	540	6,317	12.7
Apparent Consumption.....: grades :...	81,648 a	83,631 b	6,833	7,006	6,824	83,027 c	-0.9
Paper Production % Tonnage Capacity.....	94.4 g	95.3	87.5	93.2	92.5	92.4	-
Paperboard Production % Tonnage Capacity.....	95.7 g	95.0	93.7	94.3	91.1	94.2	-
			June	July	August		
IMPORTS.....:Including Construction and :...	12,837	13,110	1,061	927	1,227	13,070	-0.6
EXPORTS.....: WMB Grades (excl. HPB) :...	5,304	5,691	507	488	563	6,333	11.5
MARKET WOOD PULP PRODUCTION - Tons (000).....	8,114	8,565	739	761	757	8,896	3.8
TOTAL WOOD PULP PRODUCTION - Tons (000).....	59,552	61,161	5,102	5,399	5,303	62,518	2.1
WOOD PULP IMPORTS - TONS (000).....	4,850	5,038	389	358	471	5,023	-1.0
WOOD PULP EXPORTS - TONS (000).....	4,889	5,528	562	540	534	6,375	18.1
RAW MATERIALS CONSUMPTION - Tons (000)							
..PAPER AND BOARD MILLS : excluding :			June	July	August		
Wood Pulp.....:consumption for:.....	59,475	60,847	4,985	5,207	5,241	61,586	1.1
Waste Paper.....:construction & :.....	17,993	18,860	1,591	1,579	1,650	19,039	0.8
TOTAL.....: WMB grades :.....	77,468	79,707	6,576	6,786	6,891	80,625	1.0
PULPWOOD CONSUMPTION Cords(000)Amer.Pulpwd. Assn	93,946	95,497	8,348	8,548	8,498	98,865	3.7
EMPLOYMENT (000)			July	August	September		
Paper and Allied Products.....Total.....	680.1	692.6	702.6	704.0	698.9	696.9	0.8
Pulp, Paper and Board Mills.....Total.....E	244.9	245.5	251.0	251.2	247.2	247.2	0.5
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS ($)			July	August	September		
Paper and Allied Products.....	11.43	11.66	12.04	11.90	11.99	11.89	2.2
Pulp, Paper Mills.....E	14.01	14.31	14.88	14.64	14.80	14.63	2.7
Paperboard Mills.....E	14.30	14.49	14.82	14.76	15.01	14.66	1.5
CAPITAL EXPENDITURES, PAPER & ALLIED PRODUCTS			1989 Q1	1989 Q2	1989 Q3		
(Rept. by US Dept. of Com., Ann. Rates, Bill.$)*	9.01	11.36	14.39	14.87	16.03	15.50 Y	36.4
INDEX OF OUTPUT PER MAN-HOUR (1977=100).....			July	August	September		
:IN PULP, PAPER :...Production Workers.....	145.0	148.7	149.5	148.5	146.7	149.6	0.4
:AND BOARD MILLS:...All Employees.....	141.8	146.1	145.9	144.7	143.5	146.1	-0.2
PAPER AND ALLIED PRODUCTS (Million $)			June	July	August		
Industry Shipments (Dept. of Commerce)*.....	118,855	127,718	10,906	10,846	10,872	130,631	2.7
Pulp, Paper and Paperboard*.....	51,518	57,177	4,886	4,870	4,801	58,430	2.4
Inventories (End of Period) - Total Industry*..	11,284	12,065	12,320	12,483	12,585	12,585	8.1
Pulp, Paper and Paperboard*.....	4,266	4,325	4,724	4,804	4,863	4,863	18.1
			1988 Q4	1989 Q1	1989 Q2		
Sales (Corporations Only).....	95,576	107,221 RS	26,990	27,281	28,534	111,630	5.6
Earnings (Corporations Only).....	5,520	8,081 RS	1,911	1,979	2,022	8,002	1.5
Depreciation (Corporations Only).....	4,279	4,625 RS	1,167	1,187	1,231	4,836	5.4
Net Worth (Corporations Only).....	39,217	42,940 RS	42,940	44,093	45,242	45,242	8.6
PRICE INDEXES (Bureau of Labor Stats)1982=100			July	August	September		
Pulp, Paper & Products, ex. Building Grades....	114.3	124.7	132.8	132.9	132.9	132.2	7.0
Wood Pulp.....	111.6	136.7	159.4	159.5	159.5	156.4	16.8
Waste Paper.....	181.4	183.5	155.3	157.3	160.1	158.1	-16.0
Paper.....	111.5	123.2	130.3	129.6	129.1	130.1	6.9
Paperboard.....	118.1	133.2	140.2	140.3	140.3	140.4	6.3
PAPER DEMAND (INDEXED: 1977=100)			July	August	September		
Total Paper Production *.....	133.4	138.2	136.5	137.4	136.7	137.0	-1.0
Paper New Supply *.....	140.2	144.3	135.5	145.8	140.5	141.1	-2.5
Demand Indicators - (Weighted Average) *.....	154.5	163.7	175.2	175.7	176.1	174.2	7.2
Production of Nondurable Goods *...(21.2%).	136.8	143.9	150.9	151.1	151.3	149.8	4.8
Disposable Income .....*.(23.9%)	130.0	134.9	141.1	141.6	141.5	140.2	4.4
Total Printing and Publishing *...(54.9%).	172.0	183.8	199.4	200.0	200.8	198.4	8.8
Trend Factor	----------	----------	------- Not Available -------			----------	----------
PAPERBOARD DEMAND (INDEXED: 1977=100)							
Total Paperboard Production *.....	129.2	131.6	134.8	131.9	129.9	132.9	0.7
Production for Domestic Use	126.1	129.0	131.4	129.6	128.2	130.2	0.8
Demand Indicators - (Weighted Average) *.....	125.9	132.5	137.0	137.4	137.4	137.0	4.2
Production of Consumer Goods *...(62.06%)	127.7	133.9	138.9	139.3	139.5	139.1	4.7
Production of Equipment *...(5.75%)	148.8	158.2	165.7	166.5	166.5	164.4	4.4
Production of Materials *...(32.19%)	118.3	125.3	128.3	128.6	128.2	128.0	2.9
Trend Factor	----------	----------	------- Not Available -------			----------	----------
NEWSPRINT MARKETS			June	July	August		
Consumption by Publishers - Tons (000).....	13,583	13,597	1,089	1,053	1,111	13,229	-0.3
Newspaper Pub. and Printing Empl. Total(000)...	471	475	479	477	477	477	0.6
PRINTING AND FINE PAPER MARKETS							
MAGAZINE ADVERTISING PAGES (PIB, Inc.).....	164,771	170,717	14,245	10,492	11,116	163,292	3.7
WHOLESALERS SALES AND INVENTORIES (Million $)							
Total Paper & Pap. Prdcts.,ex Wallpaper..Sales	44,741	52,377	4,802	4,507	5,254	55,881	9.3
Inventories (End of Period).	3,850	4,436	4,501	4,647	4,582	4,582	8.9
FIBRE BOX DATA (Fibre Box Association)			July	August	September		
Fibre Box Shipments (Million square feet).....	297,827	308,507	24,583	27,718	25,354	313,192	1.2
Container'bd Inventory at Mill & Plant(000Tons).	2,486	2,553	2,689	2,664	2,639	2,639	-1.3
RETAIL TRADE (Billion $)			July	August	September		
Total Retail Sales *.....	1,511	1,612	143.6	144.5	145.2	1,705	6.8
Nondurable Goods Stores Sales *.....	950	998	88.9	88.8	89.2	1,054	6.6
GENERAL ECONOMIC DATA			July	August	September		
TOTAL INDUSTRIAL PRODUCTION (INDEX 1977 = 100)*..	129.8	137.2	142.0	142.4	142.3	141.6	3.9
PRODUCER PRICES(ALL COMMODITIES)(INDEX 1982=100).	102.8	106.9	112.7	112.0	112.3	112.0	5.3
CONSUMER PRICES (ALL ITEMS) (INDEX 1982-4=100)...	113.6	118.3	124.4	124.6	125.0	123.3	4.9
			June	July	August		
TOTAL CONSUMER CREDIT OUTSTANDING - (Billion $)..	618.2	671.4	697.3	699.0	706.9	706.9	9.1
GROSS NATIONAL PRODUCT - ANNUAL RATE (Billions$)..			1989 Q1	1989 Q2	1989 Q3		
G.N.P. or Expenditure - Current $.....	4,524	4,881	5,017	5,113	5,202	5,196	7.5
G.N.P. or Expenditure - 1982 $.....	3,354	4,024	4,069	4,107	4,133	4,132	3.1

lb/capita
Pap&Papbd Othr Totl Popul(mil)
.a - 669 + 17 = 686 243.9
.b - 679 + 17 = 696 246.3
.c - 667 + 17 = 684 248.8
.E - Last month estimated by API

f - Wood Pulp Production excludes det., explo. & scraps.
g - Adjusted for holiday shutdowns
h - First 3 quarters, annual rate
Q - Quarter

R - Revised
Y - Full year estim. by U.S. Dept. of Com.
RS - Revised Series
* - Seasonally Adjusted.